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XV. *The apparent Times of ſuch of the* Immerſions *and* Emerſions *of* Jupiter's Satellites, *as are viſible at* London, *in the Year* 1739. *By* James Hodgſon, *F. R. S.*

	D.	H.	M.		I
		JANUARY.			
1	1	9	11	E	I. 3
2		11	23	E	E. 3
3	2	7	44	E	E. 1
4	6	4	35	E	E. 2
5	9	9	37	E	E. 1
6	13	7	10	E	E. 2
7	16	11	31	E	E. 1
8	18	6	0	E	E. 1
9	20	9	46	E	E. 2
10	25	7	54	E	E. 1
		FEBRUARY.			
11	1	9	50	E	E. 1
12	6	5	16	E	I. 3
13		7	27	E	E. 3
14	10	6	15	E	E. 1
15	13	9	19	E	I. 3
16	14	6	57	E	E. 2
17	17	8	11	E	E. 1
18	21	9	35	E	E. 2
		MARCH.			
19	5	6	35	E	E. 1
20	12	8	32	E	E. 1
21	18	6	52	E	E. 2
22	21	7	47	E	E. 3
23	28	6	56	E	E. 1

By reaſon of the near Approach of Jupiter to the Sun, the Eclipſes will not be viſible till

		JUNE.			
24	18	2	45	M	I. 1
25	19	2	16	M	I. 2
26	30	1	48	M	I. 3
		JULY.			
27	4	1	0	M	I. 1
28	11	2	53	M	I. 1
29	21	1	54	M	I. 2
30	27	1	10	M	I. 1
31	28	4	30	M	I. 2
		AUGUST.			
32	3	3	5	M	I. 1
33	5	0	3	M	E. 3
34	11	11	30	E	I. 1
35	12	1	50	M	I. 3

	D.	H.	M		
36	12	4	5	M	E. 3
37	14	11	3	E	I. 2
38	19	1	25	M	I. 1
39	22	1	40	M	I. 2
40	26	3	22	M	I. 1
41	29	4	18	M	I. 2
		SEPTEMBER.			
42	2	5	18	M	I. 1
43	3	11	47	E	I. 1
44	5	6	16	E	I. 1
45	11	1	43	M	I. 1
46	12	8	13	E	I. 1
47	15	10	54	E	I. 2
48	16	10	1	E	I. 3
49	17	0	19	M	E. 3
50	18	3	40	M	I. 1
51	19	10	9	E	I. 1
52	23	1	32	M	I. 2
53	24	2	3	M	I. 3
54		4	22	M	E. 3
55	25	5	36	M	I. 1
56	27	0	5	M	I. 1
57	28	6	34	E	I. 1
58	30	4	9	M	I. 2
		OCTOBER.			
59	1	6	5	M	I. 3
60	4	2	1	M	I. 1
61	5	8	30	E	I. 1
62	10	8	5	E	I. 2
63	11	3	56	M	I. 1
64	12	10	25	E	I. 1

	D.	H.	M.		
65	17	10	42	E	I. 2
66	18	5	51	M	I. 1
67	20	0	20	M	I. 1
68	21	6	49	E	I. 1
69	25	1	18	M	I. 2
70	27	2	14	M	I. 1
71	28	8	43	E	I. 1
72	29	10	7	E	I. 3
		NOVEMBER.			
73	1	3	53	M	I. 2
74	3	4	8	M	I. 1
75	4	5	11	E	I. 2
76		10	36	E	I. 1
77	6	2	6	M	I. 3
78		5	5	E	I. 1
79	8	6	28	M	I. 2
80	10	6	1	M	I. 1
81	11	7	45	E	I. 2
82	12	0	29	M	I. 1
		Jupiter and the Sun are in Oppoſition.			
83	13	9	7	E	E. 1
84	19	0	55	M	E. 2
85	19	4	31	M	E. 1
86	20	10	59	E	E. 1
87	22	5	27	E	E. 1
88	26	3	28	M	E. 2
89		6	23	M	E. 1
90	27	4	26	E	E. 3
91	28	0	51	M	E. 1
92	29	4	45	E	E. 2
93		7	19	E	E. 1

	D.	H.	M.			D.	H.	M.	
		DECEMBER.			104	19	1	52 M	I. 3
					105		4	20 M	E. 3
94	3	6	2 M	E. 2	106		6	26 M	E. 1
95	4	8	24 E	E. 3	107	21	0	25 M	E. 2
96	5	2	42 M	E. 1	108		0	54 M	E. 1
97	6	7	18 E	E. 2	109	22	7	21 E	E. 1
98		9	10 E	E. 1	110	26	1	49 M	I. 3
99	12	0	22 M	E. 3	111	28	2	46 M	E. 1
100		4	34 M	E. 1	112		2	59 M	E. 2
101	13	9	52 E	E. 2	113	29	9	14 E	E. 1
102		11	2 E	E. 1	114	31	4	16 E	E. 2
103	15	5	30 E	E. 1			In all 114.		

The *2d* and *5th*, Columns, ſhew the Times when the Eclipſes will happen; the *1ſt* and *4th*, the Order; the *3d* and *6th*, the Kind. Thus, on the *1ſt* of *January*, at 9 h. 11 m. in the Evening, there will be an Immerſion of the third *Satellite* of *Jupiter*. Again, at 28 Minutes after Three in the Morning, on the 26th of *November*, there will be an Emerſion of the ſecond *Satellite*.

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